

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Acacia nilotica***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	(+)-CATECHIN	Plant	--	--		
0	(+)-GALLOCATECHOL	Plant	--	--		
0	(+)-LEUCOCYANIDIN	Plant	--	--		
0	(+)-PYROcatechol	Plant	--	--		
0	(-)-DICATECHIN	Plant	--	--		
21	(-)-EPIGALLOCATECHIN	Plant	--	--		
0	(3)-LEUCOCYANIDIN-GALLATE	Plant	--	--		
0	2-O-BETA-L-ARABINOFURANOSYL-L-ARABINOSE	Plant	--	--		
0	3',4',5,7-TETRAHYDROXYFLAVAN-3-OL	Fruit	--	--		
0	3',4',5,7-TETRAHYDROXYFLAVAN-3-OL(-)-EPICATECHOL	Fruit	--	--		
0	3',4',7,8-TETRAHYDROXYFLAVONOID	Plant	--	--		
0	3',4',7-TRIHYDROXYFLAVAN-3,4-DIOL	Fruit	--	--		
0	3-O-BETA-L-ARABINOPYRANOSYL-L-ARABINOSE	Resin, Exudate, Sap	--	--		
0	3-QUINOLYL-ACID	Plant	--	--		
0	4',7,8-TRIHYDROXYFLAVONOID	Plant	--	--		
0	4-ALDOBIOURONIC-ACID	Plant	--	--		
0	6-HYDROXYQUINOLINE	Plant	--	--		
0	7-COUMARINYL-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	7-HYDROXYQUINOLINE	Plant	--	--		
0	8-HYDROXYQUINOLINE	Plant	--	--		
0	ALDOBIONIC-ACID	Plant	--	--		
0	ALDOBIOTRIOURONIC-ACID	Plant	--	--		
0	ALPHA-SITOSTEROL	Plant	--	--		
5	ALUMINUM	Plant	--	--		
1	AMYLASE	Plant	--	--		
0	ARABIC-ACID	Plant	--	--		
0	ARABINOFLUORANOSYL-L-ARABINOSE	Resin, Exudate, Sap	--	--		
0	ARABINOSE	Fruit	--	--		
112	ASCORBIC-ACID	Plant	--	--		
0	ASCORBIC-ACID-OXIDASE	Plant	--	--		
0	ASH	Seed	40000	54000	0.18407167746881994	
9	BETA-AMYRIN	Root	--	--		
53	BETA-CAROTENE	Plant	--	--		
13	BETULIN	Root Bark	--	--		Jim Duke's personal files.
13	BETULIN	Plant	--	--		
28	CALCIUM	Plant	--	--		
0	CARBOHYDRATES	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	CELLULOSE	Plant	--	--		
77	CHLOROGENIC-ACID	Plant	--	--		
0	D-CATECHOL	Plant	--	--		
0	D-GALACTOSE	Plant	--	--		
0	D-GLUCURONIC-ACID	Plant	--	--		
0	DIASTASE	Plant	--	--		
0	DICATECHIN	Plant	--	--		
0	DICATECHOL	Plant	--	--		
4	DIGITONIN	Plant	--	--		
51	ELLAGIC-ACID	Bark	--	--		
0	EPICATECHOL	Plant	--	--		
0	EPICATECHOL-GALLATE	Plant	--	--		
6	EPIGALLOCATECHIN	Plant	--	--		
0	FAT	Seed	35000	115000	-0.7921452365854982	
15	FIBER	Seed	25000	166000	0.24652774832059782	
8	FRUCTOSE	Plant	--	--		
0	GALACTURONIC-ACID	Plant	--	--		
62	GALLIC-ACID	Resin, Exudate, Sap	--	--		
7	GLUCOSE	Fruit	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
32	HYDROQUINONE	Plant	--	--		
1	INDOLE-ACETIC-ACID	Plant	--	--		
22	ISOQUERCITRIN	Plant	--	--		
2	ISORHAMNETIN-3-RUTINOSIDE	Plant	--	--		
0	KAEMPFEROL-3-O-GLUCOSIDE	Plant	--	--		
3	KAURENIC-ACID	Plant	--	--		
0	L-ARABINOSE	Plant	--	--		
0	LACTONE	Plant	--	--		
13	LIGNIN	Plant	--	--		
0	LINOELIC-ACID	Plant	--	--		
1	LYSOLECITHIN	Plant	--	--		
0	M-AMINOPHENYL-GLYCOSIDE	Plant	--	--		
0	M-DIGALlic-ACID	Bark	--	--		
65	MAGNESIUM	Plant	--	--		
15	MALIC-ACID	Plant	--	--		
0	MALTASE	Plant	--	--		
14	MANGANESE	Plant	--	--		
0	MONOBUTYRINASE	Plant	--	--		
3	MUCILAGE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	MYRECETIN-4'-METHYLETHER-3-RHAMNOside	Plant	--	--		
6	OCTACOSANOL	Root	--	--		
18	OLEIC-ACID	Plant	--	--		
9	OXALIC-ACID	Plant	--	--		
0	OXIDASE	Plant	--	--		
0	PEROXIDASE	Plant	--	--		
0	PHLOBAPHENE	Plant	--	--		
0	PHLOBATANNIN	Plant	--	--		
8	PHLOROGLUCINOL	Plant	--	--		
0	POLYPHENOL-OXIDASE	Plant	--	--		
14	POTASSIUM	Plant	--	--		
0	PROTEIN	Seed	136000	452000	1.9410369823979152	
43	PROTOCATECHUIC-ACID	Fruit	--	--		
23	PYROGALLOL	Plant	--	--		
176	QUERCETIN	Plant	--	--		
0	QUERCETIN-3-O-RUTINOSIDE	Plant	--	--		
44	QUERCITRIN	Plant	--	--		
1	RAFFINOSE	Seed	--	--		
0	RHAMNOSE	Fruit	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	RIBOFLAVIN	Plant	--	--		
0	ROBIDANDIOL	Plant	--	--		
0	ROSIN	Plant	--	--		
0	SAPONIN	Plant	--	--		
4	SILICON	Plant	--	--		
1	SODIUM	Plant	--	--		
14	SUCROSE	Seed	--	--		
0	TANNASE	Plant	--	--		
35	TANNIN	Bark	27100	27100	-0.9971131037044363	
35	TANNIN	Fruit	349500	349500	2.460165206941449	
35	TANNIN	Resin, Exudate, Sap	170000	200000	-0.6588112916807376	
35	TANNIN	Seed	66100	66100	-0.17202297185321858	
35	TANNIN	Wood	63500	63500	0.39532807016866817	
31	THIAMIN	Plant	--	--		
0	URONIC-ACID	Plant	--	--		
0	XANTHURENIC-ACID	Plant	--	--		
3	XYLOSE	Fruit	--	--		